

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4786	29/592.1,595,606,841,847,851,856,858,883,885.ccls.	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:03
L2	1336	250/231.13,231.14.ccls.	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:03
L3	2782	156/293,295,311.ccls.	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:03
L4	954	100/214.ccls.	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:03
L5	2941	216/22,39,41,48.ccls.	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:03
L6	3756	451/5,41.ccls.	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:03
L7	13067	rotary adj encoder	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:39
L8	1	1 and 7	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:04
L9	236	2 and 7	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:04
L10	5772	etch\$3 near (metal near (layer or foil or plate))	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:40
L11	1	9 and 10	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:06
L12	1434652	ring near shape\$1 enar pattern	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:06
L13	370	ring near shape\$1 near pattern	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:10
L14	1	9 and 13	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:06
L15	15	("5006703").URPN.	USPAT	OR	ON	2005/10/26 08:09
L16	0	10 and 13	USPAT	OR	ON	2005/10/26 08:09

L17	116395	ring near shape\$1	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:10
L18	84	10 and 17	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:37
L19	527	comb near pattern	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:10
L20	0	18 and 19	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:36
L21	15	17 and 19	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:13
L22	0	7 and 18	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:15
L23	112	5 and 10	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:15
L24	17	3 and (resin near substrate)	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:17
L25	0	10 and 24	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:15
L26	546	\$3print\$3 with (resin adj varnish)	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:35
L27	0	surprint\$3 with (resin adj varnish)	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:17
L28	17	26 and (resin near substrate)	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:21
L29	38	Imamura-Masao.in.	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:21
L30	1	7 and 29	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:22
L31	0	19 and 29	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:22
L32	0	17 and 29	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:22

L33	0	4 and 7	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:23
L34	112	5 and 10	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:23
L35	0	26 and 34	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:23
L36	8937	(metal near (layer or foil or plate)) near (substrate or core)	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:24
L37	614	10 and 36	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:24
L38	10	17 and 37	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:24
L39	1	("5067859").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/26 08:31
L40	8202	(metal near plat\$3) with electrode	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/26 08:32
L41	129	36 and 40	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/26 08:32
L42	7	37 and 40	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/26 08:32
L43	2203	rotary adj encoder	US-PGPUB	OR	ON	2005/10/26 08:34
L44	1914	etch\$3 near (metal near (layer or foil or plate))	US-PGPUB	OR	ON	2005/10/26 08:39
L45	46	\$3print\$3 with (resin adj varnish)	US-PGPUB	OR	ON	2005/10/26 08:35
L46	2	43 and 44	US-PGPUB	OR	ON	2005/10/26 08:35
L47	0	9 and 19	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:36
L48	676	26and 19	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:36
L49	0	26 and 19	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:36
L50	0	7 and 18	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:38

L51	0	encoder and 18	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:38
L52	0	29 and 51	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:38
L53	4743	rotary adj encoder	EPO; JPO	OR	ON	2005/10/26 08:40
L54	496	etch\$3 near (metal near (layer or foil or plate))	EPO; JPO	OR	ON	2005/10/26 08:39
L55	0	53 and 54	EPO; JPO	OR	ON	2005/10/26 08:39
L56	496	etch\$3 near (metal near (layer or foil or plate))	EPO; JPO	OR	ON	2005/10/26 08:40
L57	11	53 and etching	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:40
L58	13	(rotary adj encoder) and etch\$3	EPO; JPO	OR	ON	2005/10/26 08:40
L59	3	(rotary adj encoder) and (etch\$3 with metal)	EPO; JPO	OR	ON	2005/10/26 08:40
L60	0	jp-5922667-\$.did.	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:45
L61	1	jp-59022667-\$.did.	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:45
L62	0	jp-05922667-\$.did.	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:45
L63	0	jp-1258328-\$.did.	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:46
L64	2	jp-01258328-\$.did.	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:46
L65	2	jp-03026021-\$.did.	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:47
L66	0	jp-0326021-\$.did.	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:47
L67	0	jp-0694476-\$.did.	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:47
L68	1	jp-06094476-\$.did.	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:52

L69	0	jp-7141960-\$.did.	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:52
L70	2	jp-07141960-\$.did.	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:55
L71	2	jp-07147116-\$.did.	USPAT; JPO; DERWENT	OR	ON	2005/10/26 08:55


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» Key

IEEE JNL IEEE Journal or Magazine

IEEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

Select Article Information

- ☐
1. Consideration for a high resolution of magnetic rotary encoder
 Kikuchi, Y.; Nakamura, F.; Wakiwaka, H.; Yamada, H.; Yamamoto, Y.;
 Magnetics, IEEE Transactions on
 Volume 32, Issue 5, Part 2, Sept. 1996 Page(s):4959 - 4961
 Digital Object Identifier 10.1109/20.539301
[AbstractPlus](#) | Full Text: [PDF\(260 KB\)](#) IEEE JNL
- ☐
2. Ultrasonic piezomotor equipped with a piezoelectric rotary encoder
 Segawa, S.; Ushioda, T.; Inada, H.;
 Ultrasonics Symposium, 1990. Proceedings., IEEE 1990
 4-7 Dec. 1990 Page(s):1205 - 1209 vol.3
 Digital Object Identifier 10.1109/ULTSYM.1990.171553
[AbstractPlus](#) | Full Text: [PDF\(376 KB\)](#) IEEE CNF
- ☐
3. Ultra-low speed control of servomotor using low resolution rotary encoder
 Sakai, S.; Hori, Y.;
 Industrial Electronics, Control, and Instrumentation, 1995., Proceedings of the
 IECON 21st International Conference on
 Volume 1, 6-10 Nov. 1995 Page(s):615 - 620 vol.1
 Digital Object Identifier 10.1109/IECON.1995.483479
[AbstractPlus](#) | Full Text: [PDF\(344 KB\)](#) IEEE CNF
- ☐
4. A method of improving the resolution and accuracy of rotary encoders using compensation technique
 Hagiwara, N.; Suzuki, Y.; Murase, H.;
 Instrumentation and Measurement, IEEE Transactions on
 Volume 41, Issue 1, Feb. 1992 Page(s):98 - 101
 Digital Object Identifier 10.1109/19.126640
[AbstractPlus](#) | Full Text: [PDF\(280 KB\)](#) IEEE JNL
- ☐
5. Consideration of magnetization and detection on magnetic rotary encoder element method
 Kikuchi, Y.; Nakamura, F.; Wakiwaka, H.; Yamada, H.; Yamamoto, J.;
 Magnetics, IEEE Transactions on
 Volume 33, Issue 2, Part 2, March 1997 Page(s):2159 - 2162
 Digital Object Identifier 10.1109/20.582759
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(408 KB\)](#) IEEE JNL

- ☐ **6. Index phase output characteristics of magnetic rotary encoder using a m. element**
Kikuchi, Y.; Nakamura, F.; Wakiwaka, H.; Yamada, H.;
Magnetics, IEEE Transactions on
Volume 33, Issue 5, Part 1, Sept. 1997 Page(s):3370 - 3372
Digital Object Identifier 10.1109/20.617947
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(392 KB) IEEE JNL
- ☐ **7. Advanced position estimation of mobile robots based on sensor fusion o encoders and an optical fiber gyroscope**
JooHo Lee; Yoshizawa, K.; Hashimoto, H.; Wada, M.; Mori, S.;
Advanced Intelligent Mechatronics '97., IEEE/ASME International Conference
16-20 June 1997 Page(s):109
Digital Object Identifier 10.1109/AIM.1997.652978
[AbstractPlus](#) | Full Text: [PDF](#)(100 KB) IEEE CNF
- ☐ **8. Measurement of shoulder complex motion with EMG recording**
Takahashi, M.; Ishida, A.; Suzuki, S.; Nakagawa, T.; Moriwaki, M.;
Engineering in Medicine and Biology Society, 1988. Proceedings of the Annual
Conference of the IEEE
4-7 Nov. 1988 Page(s):651 - 652 vol.2
Digital Object Identifier 10.1109/IEMBS.1988.94836
[AbstractPlus](#) | Full Text: [PDF](#)(136 KB) IEEE CNF
- ☐ **9. A method of improving the resolution and accuracy of rotary encoders u: compensation technique**
Hagiwara, N.; Suzuki, Y.; Murase, H.;
Instrumentation and Measurement Technology Conference, 1991. IMTC-91. C
Record., 8th IEEE
14-16 May 1991 Page(s):183 - 184
Digital Object Identifier 10.1109/IMTC.1991.161572
[AbstractPlus](#) | Full Text: [PDF](#)(176 KB) IEEE CNF
- ☐ **10. Properties of SmCo film for magnetic rotary encoder**
Okuno, H.; Ishikawa, M.; Sakaki, Y.;
Magnetics, IEEE Transactions on
Volume 23, Issue 5, Sep 1987 Page(s):2425 - 2427
[AbstractPlus](#) | Full Text: [PDF](#)(256 KB) IEEE JNL
- ☐ **11. Features of a magnetic rotary encoder**
Miyashita, K.; Takahashi, T.; Yamanaka, M.;
Magnetics, IEEE Transactions on
Volume 23, Issue 5, Sep 1987 Page(s):2182 - 2184
[AbstractPlus](#) | Full Text: [PDF](#)(328 KB) IEEE JNL
- ☐ **12. Magnetic properties of Fe electrodeposited alumite films**
Arai, K.I.; Kang, H.W.; Ishiyama, K.; Kamigaki, T.; Tokunaga, I.; Yanagita, S.;
Hayasaka, K.;
Magnetics, IEEE Transactions on
Volume 26, Issue 5, Sep 1990 Page(s):2295 - 2297
Digital Object Identifier 10.1109/20.104702
[AbstractPlus](#) | Full Text: [PDF](#)(312 KB) IEEE JNL
- ☐ **13. Magnetic properties of Co-Fe electrodeposited alumite films**
Arai, K.I.; Kang, H.W.; Ishiyama, K.;
Magnetics, IEEE Transactions on
Volume 27, Issue 6, Part 2, Nov 1991 Page(s):4906 - 4908
Digital Object Identifier 10.1109/20.278694

[AbstractPlus](#) | Full Text: [PDF\(208 KB\)](#) IEEE JNL

- ☐ **14. High-resolution of rotary encoder analog quadrature signals**
Mayer, J.R.R.;
Instrumentation and Measurement, IEEE Transactions on
Volume 43, Issue 3, June 1994 Page(s):494 - 498
Digital Object Identifier 10.1109/19.293478
[AbstractPlus](#) | Full Text: [PDF\(396 KB\)](#) IEEE JNL
- ☐ **15. Sensitive and quick response micro magnetic sensor using amorphous v Colpitts oscillator**
Bushida, K.; Mohri, K.; Uchiyama, T.;
Magnetics, IEEE Transactions on
Volume 31, Issue 6, Part 1, Nov. 1995 Page(s):3134 - 3136
Digital Object Identifier 10.1109/20.490305
[AbstractPlus](#) | Full Text: [PDF\(356 KB\)](#) IEEE JNL
- ☐ **16. Magneto-impedance element**
Mohri, K.; Bushida, K.; Noda, M.; Yoshida, H.; Panina, L.V.; Uchiyama, T.;
Magnetics, IEEE Transactions on
Volume 31, Issue 4, July 1995 Page(s):2455 - 2460
Digital Object Identifier 10.1109/20.390157
[AbstractPlus](#) | Full Text: [PDF\(464 KB\)](#) IEEE JNL
- ☐ **17. Amorphous wire MI micro magnetic sensor for gradient field detection**
Bushida, K.; Mohri, K.; Kanno, T.; Katoh, D.; Kobayashi, A.;
Magnetics, IEEE Transactions on
Volume 32, Issue 5, Part 2, Sept. 1996 Page(s):4944 - 4946
Digital Object Identifier 10.1109/20.539296
[AbstractPlus](#) | Full Text: [PDF\(588 KB\)](#) IEEE JNL
- ☐ **18. An automatically compensated readout channel for rotary encoder system**
Maschera, D.; Simoni, A.; Gottardi, M.; Gonzo, L.; Gregori, S.; Liberali, V.; Tori
Instrumentation and Measurement, IEEE Transactions on
Volume 50, Issue 6, Dec. 2001 Page(s):1801 - 1807
Digital Object Identifier 10.1109/19.982984
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(216 KB\)](#) IEEE JNL
- ☐ **19. A monolithic low power pulsed optical encoder**
Massari, N.; Gonzo, L.; Gottardi, M.; Simoni, A.;
Circuits and Systems, 2002. ISCAS 2002. IEEE International Symposium on
Volume 4, 26-29 May 2002 Page(s):IV-37 - IV-40 vol.4
Digital Object Identifier 10.1109/ISCAS.2002.1010382
[AbstractPlus](#) | Full Text: [PDF\(318 KB\)](#) IEEE CNF
- ☐ **20. A digital self-calibration circuit for optical rotary encoder microsystems**
Cherchi, F.; Disingrini, L.; Gregori, S.; Torelli, G.; Liberali, V.; Gottardi, M.;
Instrumentation and Measurement Technology Conference, 2001. IMTC 2001.
the 18th IEEE
Volume 3, 21-23 May 2001 Page(s):1619 - 1624 vol.3
Digital Object Identifier 10.1109/IMTC.2001.929477
[AbstractPlus](#) | Full Text: [PDF\(408 KB\)](#) IEEE CNF
- ☐ **21. Vibration suppression control method for PMSM utilizing repetitive control tuning function and Fourier transform**
Hattori, S.; Ishida, M.; Hori, T.;
Industrial Electronics Society, 2001. IECON '01. The 27th Annual Conference
Volume 3, 29 Nov.-2 Dec. 2001 Page(s):1673 - 1679 vol.3

Digital Object Identifier 10.1109/IECON.2001.975539

[AbstractPlus](#) | Full Text: [PDF](#)(572 KB) IEEE CNF



22. String-based haptic interface device for multi-fingers

Walairacht, S.; Koike, Y.; Sato, M.;
Virtual Reality, 2000. Proceedings. IEEE
18-22 March 2000 Page(s):293

Digital Object Identifier 10.1109/VR.2000.840521

[AbstractPlus](#) | Full Text: [PDF](#)(20 KB) IEEE CNF



23. CMOS front-end for optical rotary encoders

Maschera, D.; Simoni, A.; Gonzo, L.; Gottardi, M.; Gregori, S.; Liberali, V.; Tori
Electronics, Circuits and Systems, 2000. ICECS 2000. The 7th IEEE Internatio
on

Volume 2, 17-20 Dec. 2000 Page(s):891 - 894 vol.2

Digital Object Identifier 10.1109/ICECS.2000.913019

[AbstractPlus](#) | Full Text: [PDF](#)(304 KB) IEEE CNF



24. Control of the position DC servo motor by fuzzy logic

Khongkoom, N.; Kanchanathep, A.; Nopnakeepong, S.; Tanuthong, S.; Tunya;
Kagawa, R.;

TENCON 2000. Proceedings

Volume 3, 24-27 Sept. 2000 Page(s):354 - 357 vol.3

Digital Object Identifier 10.1109/TENCON.2000.892288

[AbstractPlus](#) | Full Text: [PDF](#)(360 KB) IEEE CNF



25. Long-life micro-laser encoder

Sawada, R.; Higurashi, E.; Ohguchi, O.; Jin, Y.;

Micro Electro Mechanical Systems, 2000. MEMS 2000. The Thirteenth Annual
Conference on

23-27 Jan. 2000 Page(s):491 - 495

Digital Object Identifier 10.1109/MEMSYS.2000.838566

[AbstractPlus](#) | Full Text: [PDF](#)(568 KB) IEEE CNF



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